

Amendments to the Specification

Please amend the paragraph beginning at page 11, line 34 and ending on page 12, line 11 as follows:

If no Burst Terminate command is present, then the presence of Read or Write commands is checked 13 and, if they are present, the command is transmitted 14 on the basis of the priority allocation. If no Read or Write commands are present either, then there is a check 15 for Activate commands. If an Activate command of this type is waiting, it is transmitted 16. If there is no Activate command, there is a check 17 for Precharge commands. Any Precharge command which is present is transmitted 18. Should no channel 6, 7, 8 or no memory bank 21, 22, 23, 24 wish to send a command 19, an NOP (No Operation) is transmitted. If a command is sent to the DRAM module 2, the memory bank FSM from which this command comes is informed by a signal, as a result of which it changes to a new state in the next clock cycle.